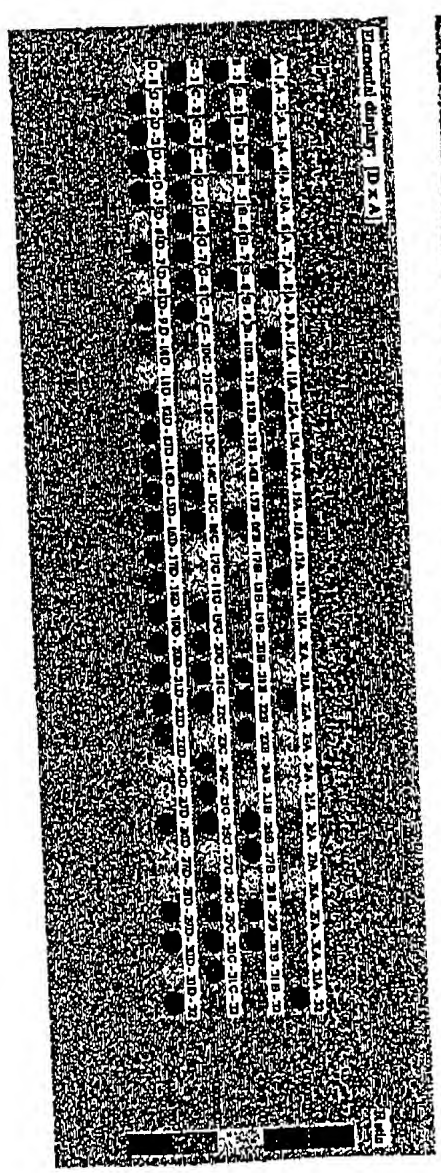
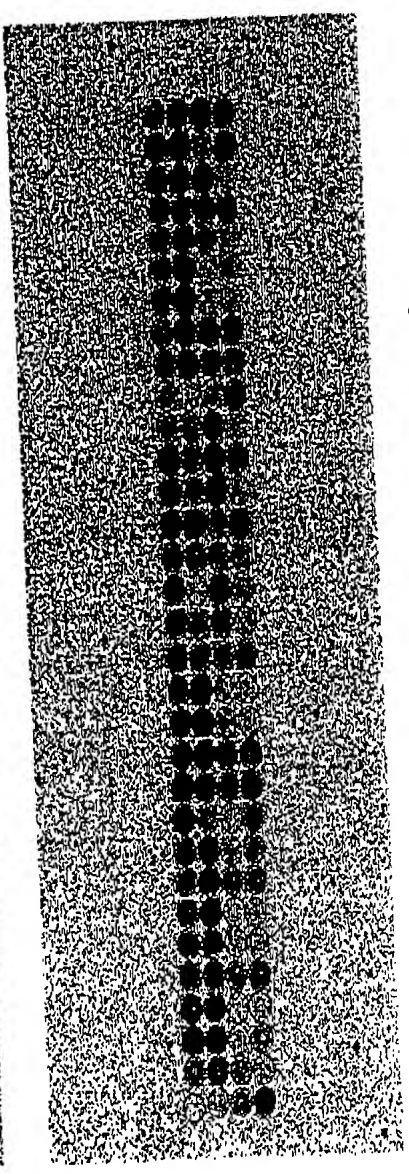
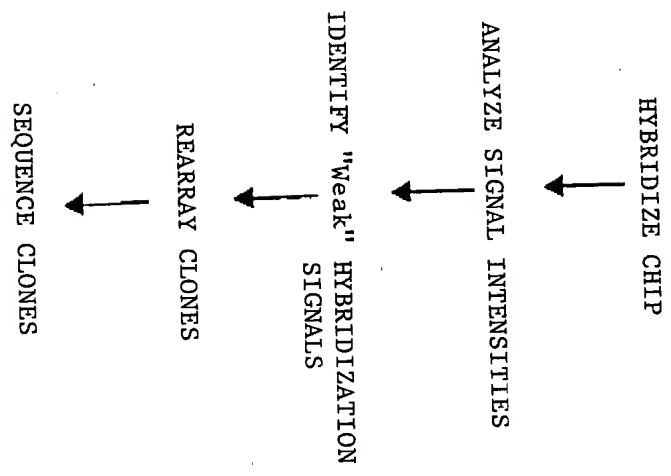




# Identification of Novel Clones by Subtractive Hybridization



## Sequencing Bioinformatics

Arrayed and glycerol stocked 27,648 clones from normalized mouse calvaria libraries

**Amplified and gel verified 27,648 cDNA inserts**

**Constructed 18 microarrays**

### Subtractive Hybridization of 26,112 cDNAs

## 7,790 cDNAs Sequenced

**Blast sequences: pubEST,  
genbank NR, Incyte**

## Evaluation of Gene Discovery

### Defining cDNAs for microarray

### Determine cDNAs for microarray construction

Rearray 4,608 cDNAs from 82 96 well plates

Amplify/gel verify 4,608 cDNA Inserts

### Purify 4,608 cDNA Inserts and construct microarray

**Purity 4,608 cDNA inserts and**

# Removal of High Abundant Nucleic Acids from Libraries

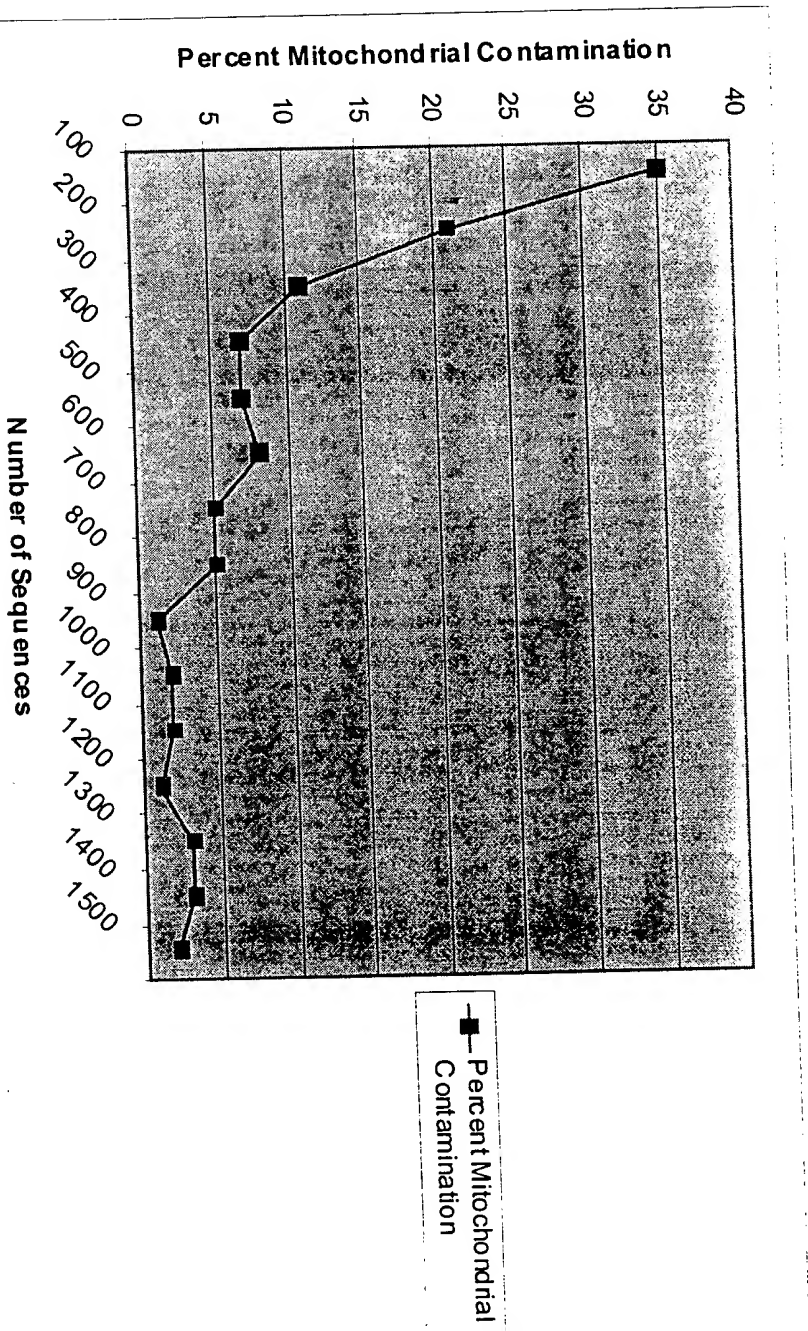


FIG. 4  
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